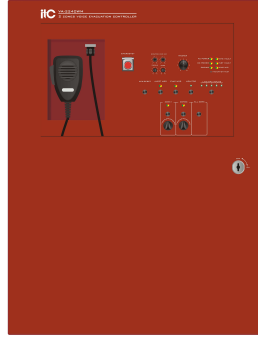# 2 Zones Voice Evacuation Controller

VA-2240WM

Description

* Built-in 240W high-efficiency digital power amplifier, integrated 2 power A + B independent dual-speaker loop zone output, each zone has independent LED indicator, independent output control buttons and volume adjustment.
* 4 audio balanced input interfaces for playing any audio source in the zones
* Local emergency PTT microphone input and emergency voice can be configured by PC software to be played in specific zone.
* Automatically detect the working status of each zone loop (fault, normal)
* The 4-channel trigger input/output port can trigger the emergency voice preset by the PC software to the specified zone or the corresponding external power source to the corresponding event warning.
* Support third-party emergency audio input (user-defined emergency audio source)
* Integrated independent EVAC/ALERT voice information player.
* The remote paging microphone / fireman microphone online interface can connect with remote paging microphone and fireman microphone, each paging station connection uses standard RJ-45 network port and standard CAT-5 network cable, voice transmission uses balanced transmission mode for long-distance transmission.
* Controller online interface can be connected to the slave unit, it uses standard RJ-45 network port and standard CAT-5 network cable.
* communication interface, supports visual interface operation based on Window platform, and the system status can be automatically synchronized.
* Support DC24V battery backup power supply.
* With power amplifier monitoring function.
* Support PTT recording function, no external equipment required.
* System fault, dry contact output for emergency status, dry contact input for emergency status reset
* The zone output has three-wire and four-wire over-ridding adjustment functions.
* With IP address reset function and impedance calibration function.
* The master-slave unit is integrated, and the device can be used as a controller or a slave unit by setting code address, and the maximum of 19 slaves can be simultaneously online.
* The system can extend the number of the zones by slave units, it support 40 zones maximum.

Specifications

Model	VA-2240WM
Voltage	~ 220V±20%, 50/60Hz
Fuse specifications	2A slow breaking type

MIC input

Sensitivity	±2.5mV
Frequency response	200Hz~10KHz
Input impedance	1KΩ
Signal to noise ratio	>65dB

Balanced line input

Sensitivity	±385mV
Frequency response	80Hz~16KHz
Input impedance	10KΩ
Signal to noise ratio	>70dB
RS485 interface	Slave RS485 interface
	Supports the highest baud rate of 38400bps
	Support up to 19 expansion machines
CAN interface	Remote MIC console CAN interface
	Baud rate 50Kbps
	Supports up to 28 remote Microphone and 4 Fireman Remote Microphone
Trigger mode	short circuit trigger and level trigger
Output mode	relay short circuit output
Size (L×W×H)	570×440×186mm
Net weight	17.6Kg
Installation	Wall Mounted
Color	Fireman's Red
Operating temperature	+5℃~ +40℃
Storage temperature	-20℃~ +70℃
Relative temperature	<95%